

SYSTEM AND METHOD FOR COMMUNICATING
TRAFFIC BETWEEN OPTICAL RINGS

ABSTRACT

An optical network includes a first optical ring and a second optical ring. Each optical ring is operable to communicate optical traffic comprising a plurality of sub-bands. The first optical ring comprises a first interconnect node operable to filter traffic in a first sub-band from the first optical ring for communication to the second optical ring. The second optical ring comprises a second interconnect node operable to receive the filtered traffic in the first sub-band from the first interconnect node for communication in the second optical ring.